

WHAT IS CLAIMED IS:

1. A voice command processing method comprising:
 - (a) constructing a plurality of databases in which respective voice commands, including an operation name, are stored in each of said databases;
 - (b) receiving one of said voice commands and separating the received voice command into terms that include the operation name and an object name;
 - (c) finding a database corresponding to the operation name within the databases; and
 - (d) finding the object name in the database corresponding to the operation name found in (c).
2. The method of claim 1, wherein in (a), a database can be added to or deleted from the databases.
3. The method of claim 1, wherein in (c), when the database corresponding to the operation name is not found, re-input of the voice command is requested.
4. A voice command processing system comprising:

a plurality of databases configured to store respective voice commands, each of which includes an operation name;

a separating unit which receives one of said voice commands, and separates the received voice command into the operation name and an object name; and

a control unit which finds a database corresponding to the operation name within the plurality of databases, finds the object name in the found database, and executes the received voice command.

5. The system of claim 4, wherein when the control unit fails to find one of said databases corresponding to the operation name, the control unit requests re-input of the voice command.

6. The system of claim 4, wherein the control unit includes a voice command addition/deletion unit for adding/deleting voice commands for storage in the databases.

7. The system of claim 4, wherein said system is applied to at least one of an embedded mobile terminal, a speech recognition toy, a speech recognition language learning machine, a speech recognition personal communication system, a speech recognition household electric appliance, a

speech recognition automated guide system, a speech recognition home automation machine, a speech recognition browser, and a speech recognition stock transaction apparatus.

8. The system of claim 4, further comprising a signal processing unit that receives the executed voice command from said control unit, and outputs said executed voice command to at least one of a speaker and a display unit.

9. The system of claim 4, wherein said separating unit comprises:

a voice comparing unit that receives said voice command and converts said voice command to a frequency to compare with a reference value; and

a voice analyzing unit that analyzes said converted voice command and separates said converted voice command into at least one of said operation name and said object name, for forwarding to said control unit.

10. The method of claim 1, wherein said method is applied to at least one of an embedded mobile terminal, a speech recognition toy, a speech recognition language learning machine, a speech recognition personal communication system, a speech recognition household electric appliance, a speech recognition automated guide system, a speech recognition home

automation machine, a speech recognition browser, and a speech recognition stock transaction apparatus.

11. The method of claim 1, further comprising generating an output signal corresponding to said found object name, processing said output signal, and outputting said processed output signal to at least one of a speaker and a display unit.

12. The method of claim 1, wherein (b) comprises:

(b-1) receiving said voice command and converting said voice command to a frequency to compare with a reference value; and

(b-2) analyzing said converted voice command and separating said converted voice command into at least one of said operation name and said object name, for forwarding to a control unit that executes (c) and (d).

13. A computer-readable medium configured to store a set of instructions for voice command processing method, said instructions comprising:

(a) constructing a plurality of databases in which respective voice commands, including an operation name, are stored in each of said databases;

(b) receiving one of said voice commands and separating the received voice command into at least one term that includes the operation name and an object name;

(c) finding a database corresponding to the operation name within the databases; and

(d) finding the object name in the database corresponding to the operation name found in (c).

14. The computer-readable medium of claim 13, wherein in instruction (a), a database can be added to or deleted from the databases.

15. The computer-readable medium of claim 13, wherein in instruction (c), when the database corresponding to the operation name is not found, re-input of the voice command is requested.

16. The computer-readable medium of claim 13, wherein said method is applied to at least one of an embedded mobile terminal, a speech recognition toy, a speech recognition language learning machine, a speech recognition personal communication system, a speech recognition household electric appliance, a speech recognition automated guide system, a speech

recognition home automation machine, a speech recognition browser, and a speech recognition stock transaction apparatus.

17. The computer-readable medium of claim 13, further comprising generating an output signal corresponding to said found object name, processing said output signal, and outputting said processed output signal to at least one of a speaker and a display unit.

18. The computer-readable medium of claim 13, wherein instruction (b) comprises:

(b-1) receiving said voice command and converting said voice command to a frequency to compare with a reference value; and

(b-2) analyzing said converted voice command and separating said converted voice command into at least one of said operation name and said object name, for forwarding to a control unit that executes (c) and (d).